

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/050104

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04Q 7/38

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04B, H04M, H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE, DK, FI, NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 20020130774 A1 (B.BRONSON), 19 Sept 2002 (19.09.2002), figures 1-2, abstract, chapters 0021-0048 --	1-12
X	WO 0143483 A1 (TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)), 14 June 2001 (14.06.2001), page 1, line 1 - page 8, line 8, figures 1-3b, abstract	1,3-4,6,8,11
A	--	2,5,7,9-10, 12

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

3 November 2004

Date of mailing of the international search report

09-11-2004

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1035746 A1 (SONY INTERNATIONAL (EUROPE) GMBH), 13 Sept 2000 (13.09.2000), column 1, line 1 - column 9, line 20, figures 1-3, abstract	1,3,5-6,8
A	--	2,4,7,9-12
X	GB 2371907 A (HEWLETT-PACKARD COMPANY), 7 August 2002 (07.08.2002), page 1, line 1 - page 9, line 12, abstract	1-3,5-8
A	--	4,9-12
X	US 20030134627 A1 (M.AZUA HIMMEL ET AL), 17 July 2003 (17.07.2003), figures 1-11, abstract, chapters 0030-0066	1-3,5-8
A	--	4,9-12
X	WO 9918745 A1 (SIEMENS AKTIENGESELLSCHAFT), 15 April 1999 (15.04.1999), page 1, line 1 - page 13, line 22, figures 1-7, abstract	1-3,5-8
A	--	4,9-12
X	GB 2329794 A (MOTOROLA GMBH), 31 March 1999 (31.03.1999), page 1, line 1 - page 4, line 6, figures 1-3, abstract	1-3,5-8
A	--	4,9-12
A	US 20020090931 A1 (S.PAPINEAU ET AL), 11 July 2002 (11.07.2002), figures 1-2, abstract, chapters 0005-0025	1-12
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**C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 20020039896 A1 (B.A.BROWN), 4 April 2002 (04.04.2002), figures 1-3, abstract, chapters 0006-0029 -- -----	1-12

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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